

SOLID WASTE FACILITY PERMIT

Facility Number:

28-AA-0002

1. Name and Street Address of Facility:

Clover Flat
Resource Recovery Park
4380 Silverado Trail
Calistoga, CA 94515

2. Name and Mailing Address of Operator:

Clover Flat Landfill, Inc.
1285 Whitehall Ln.
St. Helena, CA 94574

3. Name and Mailing Address of Owner:

Vista Corporation
1285 Whitehall Ln.
St. Helena, CA 94574

4. Specifications:

- a. Permitted Operations:** Solid Waste Disposal Site Transformation Facility
 Transfer/Processing Facility (MRF) Other: _____
 Composting Facility

b. Permitted Hours of Operation: Receipt of Refuse/Waste: Public - Tuesday to Saturday 9am to 4pm. Sunday 9am to 3pm.
Closed Mondays and legal holidays.
Commercial Haulers - 2am to 5pm. Monday to Sunday.

c. Permitted Maximum Tonnage: 600 Tons per Day

d. Permitted Traffic Volume: 275 Vehicles per Day

e. Key Design Parameters (Detailed parameters are shown on site plans bearing EA and CalRecycle validations):

	Total	Disposal	Transfer/Processing	Composting	Transformation
Permitted Area (in acres)	79	44	----	See Condition M	----
Design Capacity (cu.yds)		4.56 million cu. yds.	----	See Condition M	----
Max. Elevation (Ft. MSL)		1000			
Max. Depth (Ft. MSL)		N/A			
Estimated Closure Year		2047			

Upon a significant change in design or operation from that described herein, this permit is subject to revocation or suspension. The attached permit findings and conditions are integral parts of this permit and supersede the conditions of any previously issued solid waste facility permit.

5. Approval:

Approving Officer Signature
(Name and Title)

6. Enforcement Agency Name and Address:

Napa County Planning, Building, and Environmental Services
1195 Third St. Suite 210
Napa, CA 94559

7. Date Received by CalRecycle:

JUN 10 2014

8. CalRecycle Concurrence Date:

9. Permit Issued Date:

10. Permit Review Due Date:

11. Owner/Operator Transfer Date:

N/A

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12. Legal Description of Facility:

The legal description of this facility is contained in Appendix A of the Joint Technical Document

13. Findings:

- a. This permit is consistent with the Napa County Integrated Waste Management Plan, which was approved by CalRecycle in 1987. The location of the facility is identified in the Countywide Siting Element, pursuant to Public Resources Code (PRC), Section 50001(a).
- b. This permit is consistent with the standards adopted by CalRecycle, pursuant to PRC 44010.
- c. The design and operation of the facility is consistent with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the enforcement agency, pursuant to PRC 44009.
- d. A Mitigated Negative Declaration was filed with the State Clearinghouse (SCH #2011082050) and adopted by the Napa County Conservation, Development and Planning Commission on 12/7/2011. The Mitigated Negative Declaration describes and supports the design and operation which will be authorized by the issuance of this permit.

14. Prohibitions:

The permittee is prohibited from accepting the following wastes:

Hazardous, radioactive, medical (as defined in Chapter 6.1, Division 20 of the Health and Safety Code), liquid, designated, or other wastes requiring special treatment or handling, except as identified in the Report of Facility Information and approved amendments thereto and as approved by the enforcement agency. Additionally prohibited from: **open burning, scavenging by the public.**

15. The following documents describe and/or restrict the operation of this facility:

	Date		Date
Joint Technical Document and Subsequent Amendments	4/22/2013	Preliminary Closure and Postclosure Maintenance Plan	4/22/2013
Waste Discharge Requirements Order No. R2-2008-0027	2008	Closure Financial Assurance Documentation	4/22/2013
BAAQMD Permit/Plant #11247	2/1/2013	Operating Liability Certification	8/19/2012
Mitigated Negative Declaration (SCH #2011082050)	12/2011	Land Use and/or Conditional Use Permit	12/2011 11/2010 2/2000 2/1996 6/1990

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16. Self Monitoring:

The owner/operator shall submit the results of all self monitoring programs to the Enforcement Agency within 30 days of the end of the reporting period (*for example, 1st quarter = January – March, the report is due by April 30, etc.. Information required on an annual basis shall be submitted with the 4th quarter monitoring report, unless otherwise stated.*)

Program	Reporting Frequency
a. The types and quantities (in tons) of waste, including separated or commingled recyclables, entering the facility per day.	Monthly
b. The number and types of vehicles using the facility per day.	Monthly
c. Results of the hazardous waste load checking program, including the quantities and types of hazardous wastes, medical wastes or otherwise prohibited wastes found in the waste stream and the disposition of these materials. Available to the LEA on request, to be kept on site.	Available upon request
d. Copies of all written complaints regarding this facility and the operator's actions taken to resolve these complaints.	Quarterly
e. Results of the landfill gas monitoring program.	Quarterly
f. Wet weather preparedness report/winter operations plan.	Annual – due by November 1
g. Fill sequencing plan for the forthcoming year.	Annually
h. Remaining site capacity.	Annually
i. Quarterly waste monitoring reports and groundwater monitoring as required in WDR monitoring program.	Quarterly
j. Log of special occurrences (fire, explosion, accident, inadvertent disposal of hazardous materials, or other unapproved waste) shall be maintained. Available to the LEA on request, to be kept on site.	Annual – Available Upon Request
k. Emergencies such as hazardous materials spills, landfill fire, MPF fire, compost or wood fire, or an event requiring emergency response from another agency. Personnel requiring hospitalization.	Immediate notice via phone or email. Detailed response within 24 hours.
l. Load Check inspections – Average one (1) load check per day for landfill and MPF. Continuous identification of contaminants in compost feedstock – identify contaminants in daily or special occurrence log. The LEA can increase or decrease frequency.	Available Upon Request
m. Quantity (cubic yards) of mulch/green, food compost (feedstock, composting, finished), commodity bunkers, gasification operation feedstock on site. Recorded weekly, reported monthly.	Monthly
n. Quantity of approved ADC/AIC used. Recorded daily, reported monthly.	Monthly

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17. Enforcement Agency (EA) Conditions:

- a. The operator shall comply with all State Minimum Standards for solid waste handling and disposal as specified in Title 27, California Code of Regulations.
- b. The operator shall maintain a log of special/unusual occurrences. This log shall include, but is not limited to, fires, explosions, the discharge and disposition of hazardous or unpermitted wastes, and significant injuries, accidents or property damage. Each log entry shall be accompanied by a summary of any actions taken by the operator to mitigate the occurrence. The log shall be available to site personnel and the EA at all times.
- c. Additional information concerning the design and operation of the facility shall be furnished upon request and within the time frame specified by the EA.
- d. The maximum permitted daily tonnage for this facility is **600** tons per day, and shall not receive more than this amount without a revision of this permit.
- e. This permit is subject to review by the EA and may be temporarily suspended or revoked at any time by the EA for sufficient cause, in accordance with Division 30 of the Public Resource Code, Part 4, Chapter 4, Article 2, Sections 44305 et seq and associated regulations.
- f. The EA reserves the right to suspend or modify waste receiving and handling operations due to an emergency, a potential health hazard, or the creation of a public nuisance.
- g. Any change that would cause the design or operation of the facility not to conform to the terms and conditions of this permit is prohibited. Such a change may be considered a significant change, requiring a permit revision. In no case shall the operator implement any change without first submitting a written notice of the proposed change, in the form of an RFI amendment, to the EA at least 180 days in advance of the change.
- h. A copy of this permit shall be maintained at the facility.
- i. Access roads shall be watered as needed to prevent excessive blowing of dust or reduced visibility.
- j. Landfill operations, storage, and material processing conducted on the landfill intermediate cover, including but not limited to composting, green/wood material, sludge, food composting, C/D, must be on an all weather surface. The all weather surface would include, but limited to, crushed or ground asphalt/concrete, road base material. Location of operations and all weather surface material shall be approved annually by the LEA, submitted with the Wet Weather Preparedness report/Winter Operations Plan. Area shall be sloped to prevent ponding.
- k. ADC/AIC shall be approved by the LEA prior to implementation. Approval shall be as stated in Title 27, 20690 (ADC) or 20695(Cover Performance Standards).
- l. Sludge or biosolids received at the landfill shall be dewatered and nonhazardous (< 50% liquid). Sludge transported and placed in the working face shall be done in an environmentally safe method, to include transportation vehicles constructed to avoid any drainage or debris spill on roadways, and placed in the working face at an appropriate time of the day when the public will not be affected by the operations.

m. Food/Green Waste Compost Operation:

The Compost area will operate as a distinct operations unit and with the physical operational area and design as stated in the JTD and Appendix X. Composting operational area will periodically change and be dependent on available intermediate cover opposite the landfill working face. The Composting operation area will be subject to the Compostable Materials Handling Operations and Facilities Regulatory Requirements – Title 14, Section 17850 et.seq., Division 7, Chapter 3.1,

Food Waste Compost Operation shall be operated pursuant to JTD Appendix X. All processing and handling of compost material shall be conducted in a manner that minimizes vectors, leachate, odor impacts, litter, hazards, nuisances, and noise impacts: and minimizes human contact with, inhalation, ingestion, and transportation of dust, particulates, and pathogenic organisms.

Operator shall conduct temperature monitoring, food waste container log (number, start and end date, temperature), incoming feedstock volume, finished storage volume, end use (date outhual, volume, location). Finished compost for sale shall meet metals concentration limits and pathogen reduction requirements as stated in California Code of Regulations, Section 17868.2 (Maximum metal concentrations, and Section 17868.3 (Pathogen Reduction). Operator shall conduct composite samples for every 5,000 cuyd of material produced..

n. Material Processing Facility Operations (MPF):

MPF shall be operated pursuant to JTD Appendix W. All processing and handling of construction, demolition, and dry-mixed commercial recyclables shall be conducted in a manner that includes the following, including-but not limited to:

1. Cleaning - operations, facilities, and their equipment, boxes, shall be cleaned each operting day of all loose materials and litter.
2. Drainage Control - water and leachate shall be controlled to minimize contact water, off-site migration of contact water, integrity of roads and structures, protect public health, prevent safety hazards.
3. Dust Control - take adequate measures to minimize the creation, emission, or accumulation of excessive dust and particulates, and prevent other safety hazards to the public caused by obscured visibility or dust in contact with the public. Measures to control dust, in addition to what is identified in the JTD, include, but not limited to: reduced processing, periodic sweeping and cleaning, misting systems.
4. Protection of Users - facility shall be designed, constructed, operated, and maintained so that contact between the public and solid waste is minimized. MPF operations, vehicle traffic, and equipment shall be physically separated from incoming customer vehicle flow. This may be accomplished through the use of railings, curbes, grates, fences, and/or spotters.
5. Material storage and fire protection - one day storage limit of material on the processing pad overnight. The material volume remaining overnight shall be as minimal as possible. To prevent fire in overnight storage, unprocessed solid waste may be kept in containers, minimal volume, and located away from equipment.

END